1

SEQUENCE LISTING

<110> THE CALIFORNIA INSTITUTE OF TECHNOLOGY BARTON, Jacqueline K. JUNICKE, Henrik



```
<120> METHODS AND COMPOSITIONS FOR DETECTING POLYNUCLEOTIDE DUPLEX DAMAGE
```

<130> CIT1290-1

<140> US 10/015,997

<141> 2001-12-10

<150> US 60/254,497

<151> 2000-12-08

<160> 6

<170> PatentIn version 3.1

<210> 1

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> String of DNA duplex

<220>

<221> misc_feature

<222> (9)..(9)

<223> n is any nucleotide

<400> 1

gcggagtcnt gcatgtg

17

<210> 2

<211> 17

<212> DNA

<213> Artificial sequence

, <220>

<223> String of DNA duplex

<220>

<221> misc_feature

<222> (9)..(9)

<223> n is any nucleotide

<400> 2

cacatgoang actccgc

17

<210> 3

<211> 35

<212> DNA

<213> Artificial sequence

<220>

<223> Hairpin DNA oligonucleotide

<400> 3 catcatgtcc tgcccttttt gggcacgaca tgatg 35 <210> 4 <211> 17 <212> DNA <213> Artificial sequence <220> <223> String of DNA duplex <220> <221> misc_feature <222> (9)..(9) <223> n is any nucleotide <400> 4 gcggagtcnc gcatgtg 17 <210> 5 <211> 31 <212> DNA <213> Artificial sequence <220> <223> String of DNA duplex <400> 5 gatgtcggtc ccacgatggt gacggattac c 31 <210> 6 <211> 41 <212> DNA <213> Artificial sequence <220> <223> String of DNA duplex , <400> 6 gagttggtaa teegteacea tegtgegaee gacateatge g 41